SONY VAIO

VGN-FZ180E/B

VAIO® FZ Series Notebook PC

The VAIO FZ is a 15.4" [2] entertainment PC in the body of an incredibly thin-and-light notebook

MORE DISPLAY FOR YOUR DOLLAR

The thin-and-light VAIO® FZ notebook packs big power and even bigger entertainment into a small, portable package. This unique 5.75 pound[1] with standard battery PC combines all the benefits of a 15.4" widescreen display [2] with the dimensions or "footprint" of a much smaller notebook. The VAIO FZ is designed to maximize LCD space with advanced space-saving engineering techniques implemented throughout the chassis, including a reconfigured battery and motherboard design. The result is a brilliant, 15.4" widescreen display[2] in the body of a portable, thin-and-light notebook.

EXPERIENCE BLU-RAY DISC® MEDIA PLAYBACK

Watch movies in the best high-definition picture quality available today with the VAIO® FZ Premium notebook, the world's first thin-and-light Blu-ray Disc®-enabled notebook[12] . Until you experience movies and concerts on Blu-ray Disc® media, you won't know just how good high-definition can be. With pristine Full 1080 HD resolution and stunning clarity, Blu-ray Disc® technology is an impressive new way to enjoy your entertainment. Blu-ray Disc® also enjoys the most extensive industry support as it is backed by more than 85% of consumer electronics companies, seven of the biggest movie studios, the world's two largest music labels, plus PLAYSTATION® 3 and leading game companies.

ELEGANCE AND SOPHISTICATION

With subtle sophistication and undeniable elegance, the lightweight VAIO® FZ notebook is crafted with an aesthetic touch and careful attention to detail. From its exciting entertainment functions to its brilliant XBRITE-HiColor™ display, the VAIO FZ is a beautifully designed, thin-and-light mobile entertainment center.

XBRITE-HICOLOR™ LCD TECHNOLOGY

By applying engineering techniques from our BRAVIA™ high-definition LCD TVs to our new and improved XBRITE-HiColor™ LCD technology, we've created a notebook PC display that reaches an incredible color contrast of 90% - without increasing LCD power consumption. With richer greens and fresher blues than ever before, the new and improved XBRITE-HiColor™ LCD technology reproduces vivid colors and delicate contrasts with uniform brightness. Far superior to the 40-50% color reproduction of most notebook PCs, the VAIO FZ notebook with new and improved XBRITE-HiColor LCD technology delivers an incredibly luminous display that reproduces 90% of the color spectrum.

ENTERTAINMENT CONTROLS

An A/V fan's dream PC, the VAIO® FZ notebook includes a full set of dedicated multimedia controls just above the keyboard. A round A/V interface jumps out of the clean design of the VAIO FZ, adding a unique and practical touch to its sophisticated appearance. These intuitive music and video controls are user-friendly, so you can easily control your CDs, DVDs, pictures and home movies with the push of a button.

The VAIO® FZ180 notebook is a thin-and-light Blu-ray Disc®-enabled notebook featuring a 15.4" widescreen LCD[2] with XBRITE-HiColor™ technology. With a built-in camera and microphone for video messaging[5] and Blu-ray Disc® optical drive for massive storage capacity[13] , this lightning-fast, super-powerful PC is packed with exciting entertainment features.

Windows Vista Home Premium

intel Centrino Duo Core 2 Duo inside

Blu-ray Disc™

XBRITE-HiColor™

Click to DVD

dlna CERTIFIED

like.no.other™

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VAIO® FZ Series Notebook PC

Specifications

General

Computer Type: Notebook
Type of Use: Portable
Action Buttons: S (programmable), Volume, AV Mode, Play/Pause, FF, Rewind and Stop
Pointing Device: Electro-Static touch pad

Hardware

Keyboard: QWERTY, 82 keys with 2mm stroke and 19.05mm pitch
Camera: Built-in camera and microphone

Processor

Type: Intel®Core™ 2 Duo Processor T7300
Speed: 2GHz[8]
Front Side Bus Speed: 800MHz
L2 Cache: 4MB Advanced Smart Cache
Technology: Intel®Centrino®Duo Processor Technology

Memory

Type: DDR2
Installed: 2GB (1GBx2) PC2-5300
Maximum: 4GB[16]
Speed: 667MHz

Hard Drive

Capacity: 200GB[9]
Speed: 4200rpm
Interface: Serial ATA

Optical Drive #1

DVD+R DL Write: 4x max.
DVD+R Write: 8x max.
DVD+RW Write: 8x max.
DVD-R Write: 8x max.
DVD-RW Write: 6x max.
CD-R Write: 24x max.
CD-RW Write: 16x max.
DVD±RW: Yes[4] (DVD±R DL/DVD±RW/DVD-RAM)
CD Read: 24x max.
DVD Read: 8x max.
DVD-RAM Write: 5x max.
DVD-R DL Write: 4x max.
BD-R Read: 2x max
BD-R Write: 2x max
BD-RE Write: 2x max
BD-ROM Read: 2x max
BD-RE Read: 2x max
BD-R DL Read: 1.6x max
BD-R DL Write: 1x max
DVD-RAM Read: 5x max.
Blu-Ray Disc™ Support: Yes[12] (BD-RE/DVD±R DL/DVD±RW)
BD-RE DL Read: 1.6x max
BD-RE DL Write: 1x max

Expansion Slots

Multimedia Card Reader: One Memory Stick Duo™ media with MagicGate® functionality
One ExpressCard™ /34 Slot
One Secure Digital Media (SD)

Audio

Sound System: Sony®Sound Reality™ - Audio Enhancer

Display

Screen or Display Technology: WXGA LCD
Screen Size: 15.4"[2]
Resolution: 1280 x 800
XBRITE-HiColor™ Technology: Yes

Graphics

Processor: NVIDIA®GeForce®8400M GT GPU
Video RAM: 1023MB Total Available Graphics Memory[11]
Interface: HDMI, VGA and S-Video Out with Smart Display Sensor

Inputs and Outputs

Ethernet Port: 1
Headphone Jack: 1
Memory Stick® Media Slot: 1
Modem Jack: 1
Secure Digital Slot: 1
Microphone Input: 1
S-Video Output(s): 1
USB Port(s): 3 (2.0 compliant)
VGA Output(s): 1
DC-In: 1
Express Card™ Slot: /34 x 1
i.LINK®Connection: 1 (4pin) i.LINK® connector (IEEE 1394)[7]
HDMI™ Connection(s): 1

Networking/Modem

Ethernet Protocol: Fast Ethernet (RJ-45)
Ethernet Speed: 10Base-T/100Base-TX
Modem Type: Integrated V.92/V.90 Modem (RJ-11)
Wireless LAN: Intel®PRO/Wireless 4965AGN Network Connection (802.11a/b/g/n)[3]

Power

Battery Type: Standard Lithium-ion Battery (VGP-BPS8)
Estimated Battery Life: 2.0-4.0 hours[6]
Power Requirements: 110W+10%

Software

Operating System: Windows Vista™ Home Premium
Internet Services: AOL®90-Day Risk Free Trial - New Users Only
Supplied Software: Microsoft®Works 8.5
60-Day Trial Version of Microsoft®Office 2007[10]
Sony®Original Software: Click to DVD®- DVD Creation, LocationFree®Player
*Please access VAIO®Help and Support from your PC for a complete list of software applications and trials.
Security and Anti-Virus Software: Norton®Internet Security™ 2007 60-Day trial with spyware protection

Service and Warranty Information

Telephone Support: 1 year toll-free technical telephone assistance, available 24/7[15]
Limited Warranty and Onsite Service: 1 Year Limited Warranty with Onsite Service[14]
Online and Email Support: Support available from http://www.esupport.sony.com/EN/VAIO

Dimensions

Weight: 5.75 lbs.[1]
Measurements: 14"(W) x 0.98-1.4"(H) x 10.02"(D)[1]

Supplied Accessories

Standard Lithium-ion battery (VGP-BPS8)
AC adapter(VGP-AC19V19)
Power Cord

Color: Silver and Black
UPC Code: 027242715431

1. Non-metric weights and measures are approximate and may vary.
2. Viewable area measured diagonally.
3. Requires 802.11n compatible access point. Some functionality may require Internet services, which may require a fee.
4. DVD media/formats are not universally compatible.
5. Broadband internet service required along with third party services which may require a subscription or other service fee.
6. Actual battery life will vary based on product settings, usage patterns, battery and environmental conditions.
7. i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
8. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed will be reduced under certain operating conditions.
9. GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary. A portion of hard disk space is reserved as a recovery partition.
10. The Microsoft Office 2007 60-Day Trial software is intended for evaluation purposes only. This trial software is installed on your system and you must activate the software before you can use it. Product activation procedures will be detailed during initial launch of the software; activation requires Internet access. This software has an expiration date of 60 days from date of first use, at which time the software will operate under reduced-functionality mode, limiting end-use options and operations.
11. Total Available Graphics Memory refers to the new Windows Vista™ classification of graphics memory, which is the total of Dedicated Video Memory, System Video Memory and Shared System Memory. Shared System Memory varies depending on the operating condition and system memory size.
12. As with other optical media devices, circumstances may limit compatibility or prevent Blu-ray Disc™ media playback. VAIO computers may not support movie playback on packaged media recorded in AVC or VC1 formats at high bit rates.
13. Video recording to Blu-ray Disc™ media is done in MP2 format only.
14. When available, Sony will provide Onsite Service in fulfillment of its limited warranty obligations. Any such services are subject to the terms and conditions of the limited warranty. See actual Limited Warranty for details. Onsite Service will be provided via third-party technician to be dispatched as needed following phone-based troubleshooting. Some repairs may be accomplished with self repair kits. Onsite Service may not be available in all locations.
15. For certain third party software applications, Sony provides first level Phone Support. Additional telephone support may be available from the applicable 3rd party vendor. Availability and schedule for any such support is determined by the applicable software vendor.
12. Broadband connection is required along with third party services which may require a subscription fee and other service fees.
16. A portion of the system memory over 3GB may not be available to the operating system.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to operate any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware options except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Pre-installed software may not be identical to retail versions or have all documentation. This product meets the standards of the International Energy Star Program for energy efficiency. Features and specifications are subject to change without notice. Non-metric weights and measurements are approximate and may vary.

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Lamp in this product contains mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (www.eiae.org).